

What Is Claimed Is:

1. A television tuner provided with a high frequency amplifier for amplifying inputted television signals; a mixer  
5 for subjecting the television signals which have been amplified to frequency conversion into intermediate frequency signals; a SAW filter for selecting, out of the intermediate frequency signals, intra-range intermediate frequency signals emerging in a range within a prescribed intermediate frequency band; and an  
10 intermediate frequency amplifier for amplifying the intra-range intermediate frequency signals, wherein wide band detecting means for detecting the intermediate frequency signals inputted to the SAW filter and generating a first AGC voltage is provided to control a gain of the high frequency amplifier with the first  
15 AGC voltage.

2. The television tuner according to Claim 1, wherein an input end of the SAW filter is grounded via a series resonant circuit, and wherein a resonance frequency of the series resonant circuit is set to a frequency of extra-range intermediate  
20 frequency signals emerging outside the range in the intermediate frequency band out of the intermediate frequency signals inputted to the SAW filter.

3. The television tuner according to Claim 1, wherein there is provided narrow band detecting means for detecting the  
25 extra-range intermediate frequency signals emerging outside the intermediate frequency band out of the intermediate frequency signals inputted to the SAW filter and generating a second AGC

voltage, wherein the narrow band detecting means have a series resonant circuit resonating with the extra-range intermediate frequency signals and a detector connected in series to the series resonant circuit, wherein the gain of the high frequency  
5 amplifier is controlled with the second AGC voltage, and wherein the second AGC voltage is variable relative to the first AGC voltage.

4. The television tuner according to Claim 3, wherein a plurality of the narrow band detecting means are provided.